

WHAT IS CLAIMED IS:

1. A woven backing fabric for tufted carpets comprising:
- a plurality of warps, each of said warps being comprised of a plurality of filaments;
- a plurality of wefts, each of said wefts being comprised of a plurality of filaments;
- a binding resin applied to said filaments of said wefts, said binding resin partially sticking on said filaments of said wefts and partially fixing said filaments of said wefts with one another, and partially fixing said warps and said wefts to each other.
2. A backing fabric as recited in claim 1, wherein said binding resin is a thermo adhesible resin.
3. A backing fabric as recited in claim 1, wherein said binding resin is a thermo adhesible fiber.
4. A backing fabric as recited in claim 2, wherein the amount of said binding resin ranges from 10 to 50 bulk percent of said filaments that make up said wefts.
5. A backing fabric as recited in claim 3, wherein the amount of said binding resin ranges from 10 to 50 bulk percent of said filaments that make up said wefts.

1 6. A tufted carpet comprising:

2 a backing fabric comprising:

3 a plurality of warps, each of said warps being comprised of a plurality of
4 filaments;

5 a plurality of wefts, each of said wefts being comprised of a plurality of filaments;

6 and

7 a binding resin applied to said filaments of said wefts, said binding resin partially
8 sticking on said filaments of said wefts and partially fixing said filaments of said wefts with one
9 another, and partially fixing said warps and said wefts to each other;

10 a first set of piles made of a first pile yarn, the first set of piles being tufted to the backing
11 fabric with a needle gauge ranging from 1/8 inch to 1/10 inch; and

12 a second set of piles made of a second pile yarn, the second set of piles being tufted to
13 the backing fabric with a needle gauge of twice the needle gauge of the first set of pile yarns and
14 arranged in double lines longitudinally front and rear together with respect to the first pile yarns,
15 and disposed between adjacent ones of the first piles.

1 7. A tufted carpet as recited in claim 6, wherein two to five threads of the wefts lie between
2 adjacent ones of the first set of piles tufted in the same stitch row of the first pile yarn and are
3 also disposed between adjacent ones of the second set of piles tufted in the same stitch row of the
4 second pile yarn.

1 8. A tufted carpet as recited in claim 6, wherein a thickness of the first pile yarn and the